

NOTES:

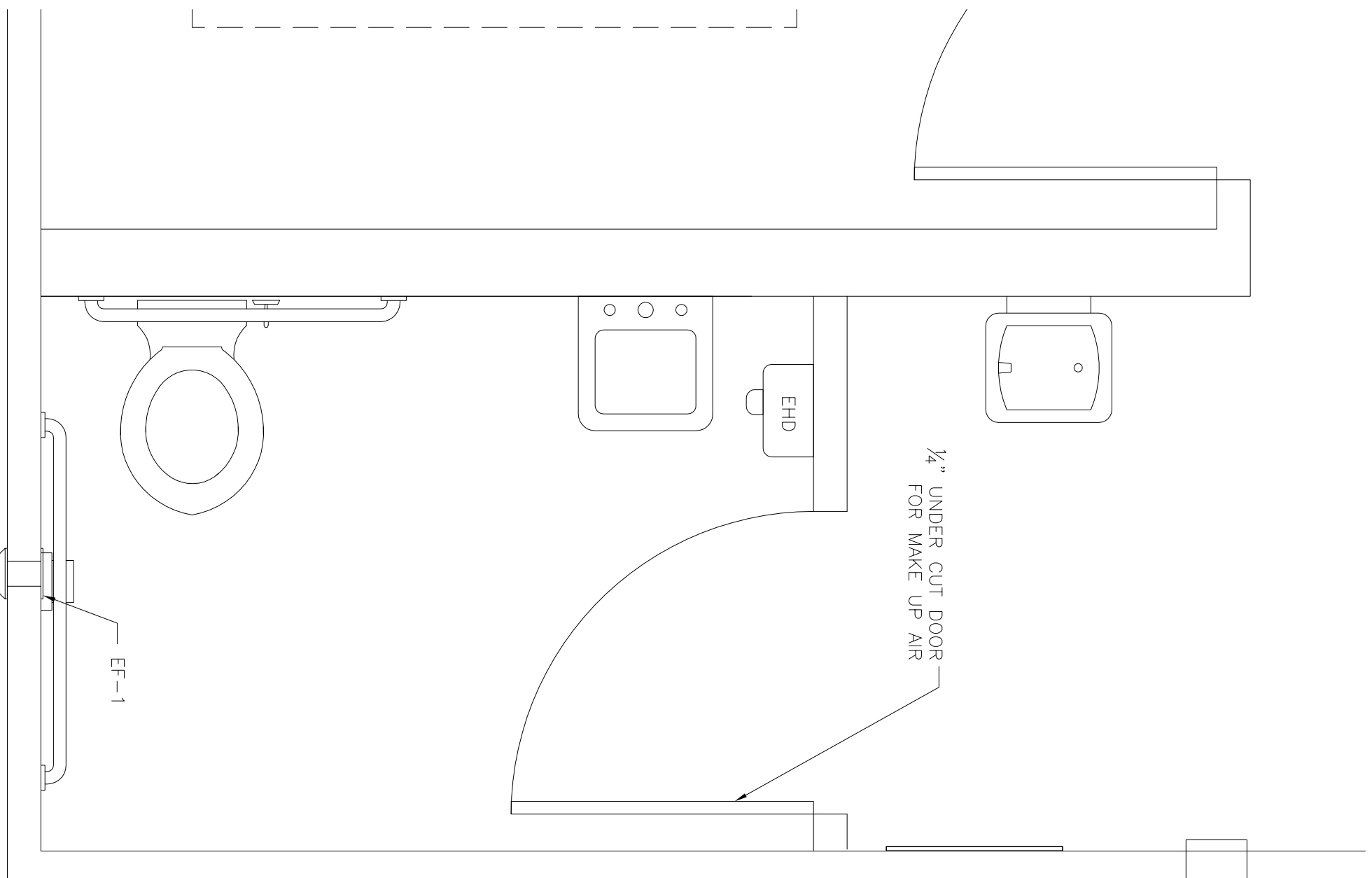
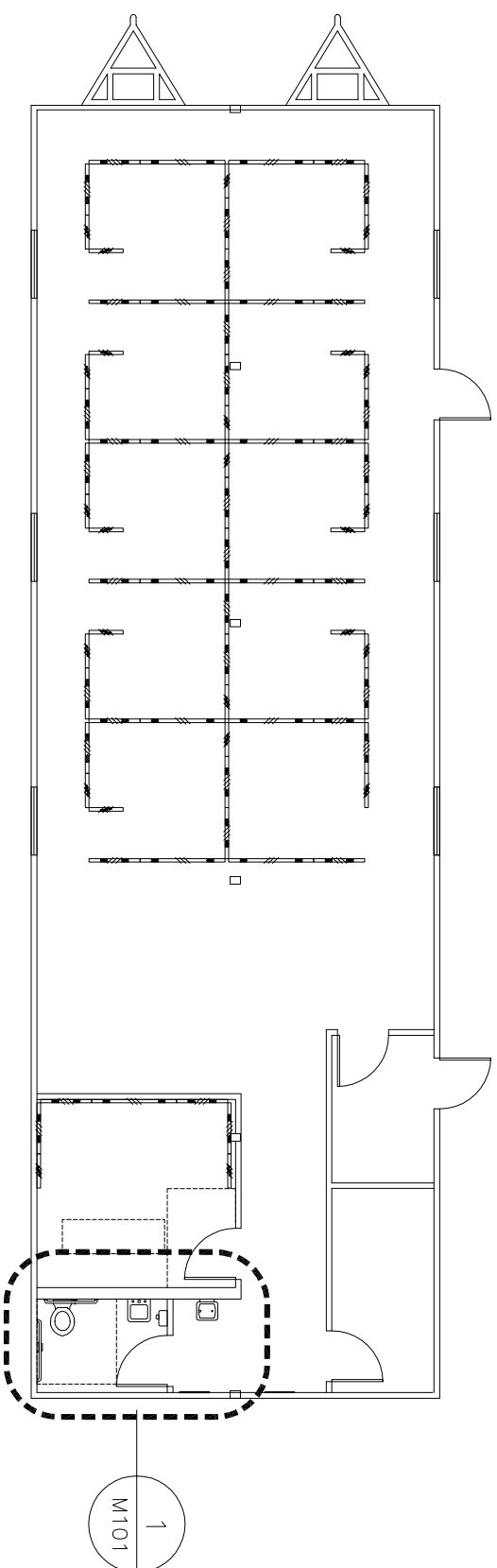
## SURFACE MOUNTED HAND DRYER (EHD)

1. CONSTRUCTION
  - COVER SHALL BE STAINLESS STEEL WITH A BRUSHED FINISH. ALL COVERS WILL BE FASTENED TO A WALL PLATE BY TWO CHROME PLATED TAMPER-PROOF BOLTS.
  - HAND DRIVER WALL PLATE SHALL BE EQUIPPED WITH (3) 7/8" DIAMETER HOLES, ONE OF WHICH SHALL BE SUITABLE FOR USE WITH SURFACE CONDUIT, FOR CABLE OR WIRING.
  - ALL INTERNAL HAND DRIVER PARTS SHALL BE COATED ACCORDING TO UNDERWRITERS' LABORATORIES, INC. REQUIREMENTS.
  - ENTIRE MECHANISM SHALL BE INTERNALLY GROUNDED.
2. MECHANISM
  - OPTICAL RECESS KIT INCLUDES A WALL BOX (22 GA) AND DRIVER MOUNTING PLATE (16 GA) MADE FROM 304 BRUSHED STAINLESS STEEL. A STAINLESS STEEL CABLE IS CONNECTED TO THE DRIVER MOUNTING PLATE TO HOLD THE DRIVER IN POSITION WHEN SERVING.
3. HAND DRIVER MOTOR SHALL BE A SERIES COMMUTATED THROUGH-FLOW DISCHARGE VACUUM MOTOR/BLOWER (5/8 HP / 20,000 RPM) WHICH PROVIDES AIR VELOCITY OF 16,000 FPM (LINEAR FEET PER MINUTE) AT THE AIR OUTLET AND 14,000 FPM AT THE HANDS (4 INCHES BELOW AIR OUTLET).
4. HAND DRIVER HEATING ELEMENT (900 W) IS CONSTRUCTED OF NICHROME WIRE AND MOUNTED INSIDE THE BLOWER HOUSING, THEREBY BEING VANDAL PROOF. IT SHALL BE PROTECTED BY AN AUTOMATIC RESETTHERMIST, WHICH SHALL OPEN WHENEVER AIR FLOW IS CUT OFF AND SHALL CLOSE WHEN FLOW OF AIR IS RESUMED. IT SHALL PRODUCE AN AIR TEMPERATURE OF UP TO 135F AT A 72F AMBIENT ROOM TEMPERATURE AT THE HANDS (4 INCHES BELOW AIR OUTLET).
5. HAND DRIVER CONTROL ASSEMBLY IS ACTIVATED BY AN INFRARED OPTICAL SENSOR LOCATED NEXT TO THE AIR OUTLET. THE DRIVER SHALL OPERATE AS LONG AS HANDS ARE UNDER THE AIR OUTLET. THERE IS A 3-SECOND LOCKOUT FEATURE IF HANDS ARE NOT REMOVED.
6. UNDERWRITERS' LABORATORIES, INC. LISTED
  - THE ENTIRE DRIVER SHALL BE LISTED UNDER THE RE-EXAMINATION SERVICE OF UNDERWRITERS' LABORATORIES, INC.
7. LIMITED WARRANTY
  - THE HAND DRIVER SHALL BE GUARANTEED TO BE FREE FROM DEFECTS FOR A PERIOD OF FIVE (5) YEARS. WARRANTY SHALL INCLUDE FACTORY PERFORMED LABOR AS WELL AS THE REPAIR OR EXCHANGE OF DEFECTIVE PARTS, AT MANUFACTURER'S OPTION.

EXHAUST FAN (EF-1) COOK MODEL ACW-D FAN OR APPROVED EQUAL

1. DESCRIPTION:
  - FAN SHALL BE A SPUN ALUMINUM, WALL MOUNTED, DIRECT DRIVEN, HORIZONTAL CENTRIFUGAL EXHAUST VENTILATOR.
2. CERTIFICATIONS:
  - FAN SHALL BE MANUFACTURED AT AN ISO 9001 CERTIFIED FACILITY. FAN SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL 705) AND UL LISTED FOR CANADA (CUL 705). FAN SHALL BEAR THE ALCOA CERTIFIED MARKING SEAL FOR SOUND AND AIR PERFORMANCE.
3. CONSTRUCTION:
  - FAN SHALL BE OF BOLTED AND WELDED CONSTRUCTION UTILIZING CORROSION RESISTANT FASTENERS. THE FAN SHALL BE MANUFACTURED BY THE ALUMINUM INDUSTRY ASSOCIATION OF AMERICA (ALIA) OR AN ALIATE MEMBER OF THE ALIATE. THE SPUN ALUMINUM WALL FLANGE SHALL HAVE PUNCHED KEYSLOT HOLES AND A MOUNTING TEMPLATE WITH WALL-OPENING LOCATION FOR EASE OF INSTALLATION. THE IMBOWING SHALL HAVE A ROLLED BEAD FOR ADDED STRENGTH. AN INTEGRAL CONDUIT CHASE SHALL BE PROVIDED INTO THE MOTOR COMPARTMENT FOR THE MOTOR CABLE. THE MOTOR COMPARTMENT SHALL BE PROTECTED BY A CAST ALUMINUM COVER. THE COMPARTMENT SEPARATED FROM THE EXHAUST AIRSTREAM UNIT SHALL BEAR AN ENGRAVED ALUMINUM NAMEPLATE. NAMEPLATE SHALL INDICATE DESIGN CFM AND STATIC PRESSURE. UNIT SHALL BE SHIPPED IN ISIA CERTIFIED TRANSIT TESTED PACKAGING.
4. WHEEL:
  - WHEEL SHALL BE CENTRIFUGAL, BACKWARD INCLINED, CONSTRUCTED OF 100% ALUMINUM, INCLUDING A PRECISION MACHINED CAST ALUMINUM HUB, AN AERODYNAMIC ALUMINUM INLET CONE SHALL BE PROVIDED FOR MAXIMUM PERFORMANCE AND EFFICIENCY. WHEEL SHALL BE BALANCED IN ACCORDANCE WITH AIRCA STANDARD Z04-96, BALANCE QUALITY AND VIBRATION LEVELS FOR FANS.
5. MOTOR:
  - MOTOR SHALL BE HEAVY DUTY TYPE WITH PERMANENTLY LUBRICATED SEALED BEARINGS AND FURNISHED AT THE SPECIFIED VOLTAGE, PHASE AND ENCLOSURE.
6. ACCESSORIES:
  - STD DISCONNECT PREWIRED
  - 30-8 DAMPER
  - 30-8 SPEED CONTROLLER W/1/2" – (LIGHT GRAY)
  - ALUMINUM BROSSEFIN
  - FAN SPEED CONTROLLER 5 AMP 120 VOLT
  - 30-8 SQUARE GRILLE

MECHANICAL SCHEDULE								
SYMBOL	DESCRIPTION	CFM	RPM	STATIC PRESSURE	ELECTRIC CHARACTER	WATTS	QTY	REMARKS
EHD	SURFACE MOUNTED HAND DRYER	—	—	—	110 / 120V, 12.5 AMP 60 HZ	1500	1	MANUFACTURER: XLERATOR MODEL: XL-SB OR APPROVED EQUAL SURFACE MOUNTED, AUTOMATIC, BRUSHED STAINLESS STEEL COVER
	*REFER TO NOTES FOR ADD'L INFO							
EF-1	EXHAUST FAN	100	1684	.200	115 / 1 / 60	82	1	MANUFACTURER: COOK MODEL: ACM-D CATALOG NUMBER: 70W15DL WALL MOUNTED AND OPERATE WITH OCCUPANCY SENSOR
	*REFER TO NOTES FOR ADD'L INFO							



1 PARTIAL FLOOR PLAN  
P101 SCALE: 3/4" = 1'-0"

[illegible]